GenCore version 5.1.6

OM nucleic - nucleic search, using sw model

Run on: January 18, 2006, 21:27:55 ; Search time 286 Seconds
(without alignments)
8558.400 Million cell updates/sec

Title: US-10-811-170-1
Perfect score: 1377
Sequence: 1 atggtcagctactgggacac.....ccctgtctccgggtaaatga 1377

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*
1: /cgn2_6/ptodata/1/ina/1_COMB.seq:*
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9: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	1377	100.0	1377	3	US-09-773-877B-25	Sequence 25, Appl
2	1328.4	96.5	1453	3	US-09-773-877B-21	Sequence 21, Appl
3	1049.2	76.2	1444	3	US-09-773-877B-23	Sequence 23, Appl
4	1039	75.5	1359	3	US-09-773-877B-15	Sequence 15, Appl
5	1032.4	75.0	1389	3	US-09-773-877B-17	Sequence 17, Appl
6	987.4	71.7	1674	3	US-09-773-877B-13	Sequence 13, Appl
7	982.4	71.3	1704	3	US-09-773-877B-19	Sequence 19, Appl
8	980.8	71.2	1704	3	US-09-773-877B-11	Sequence 11, Appl
9	686	49.8	2043	3	US-08-227-496C-14	Sequence 14, Appl
10	684	49.7	705	3	US-09-023-655-1223	Sequence 1223, Ap
11	684	49.7	1019	3	US-09-178-869-1	Sequence 1, Appli
12	684	49.7	1019	3	US-09-761-413-1	Sequence 1, Appli
13	684	49.7	1182	3	US-09-180-100-18	Sequence 18, Appl
14	684	49.7	1182	3	US-09-949-713-18	Sequence 18, Appl
15	684	49.7	1428	2	US-08-488-376-19	Sequence 19, Appl
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17	684	49.7	1428	2	US-08-634-224-19	Sequence 19, Appl
18	684	49.7	1428	2	US-08-634-400-19	Sequence 19, Appl
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24	684	49.7	1431	3	US-08-487-550-3	Sequence 3, Appli
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42	684	49.7	1494	3	US-09-499-846-5	Sequence 5, Appli
43	684	49.7	1578	3	US-09-499-846-3	Sequence 3, Appli
44	684	49.7	1599	3	US-09-023-655-1120	Sequence 1120, Ap
45	684	49.7	1617	2	US-08-378-939-9	Sequence 9, Appli

ALIGNMENTS

RESULT 1
US-09-773-877B-25
; Sequence 25, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 25
; LENGTH: 1377
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: VEGFR1R2.FcdeltaC1(a) Receptor
; NAME/KEY: CDS
; LOCATION: (1)..(1377)
US-09-773-877B-25

Query Match 100.0%; Score 1377; DB 3; Length 1377;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1377; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db          1 ATGGTCAGCTACTGGGACACCGGGGTCCTGCTGTGCGCGCTGCTCAGCTGTCTGCTTCTC 60

Qy         61 ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC 120
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Db         61 ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC 120

Qy        121 CCCGAAATTATACACATGACTGAAGGAAGGGAGCTCGTCATTCCCTGCCGGGTTACGTCA 180
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Qy        361 CATCGACAAACCAATACAATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA 420
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Qy       1021 GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTAC 1080
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RESULT 2
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US-09-773-877B-21
; Sequence 21, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
;  APPLICANT: Xia, Yu-Ping et al.
;  TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;  FILE REFERENCE: REG 710b
;  CURRENT APPLICATION NUMBER: US/09/773,877B
;  CURRENT FILING DATE:  2001-01-31
;  NUMBER OF SEQ ID NOS: 27
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 21
;   LENGTH: 1453
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Flt1D2.Flk1D3.FcdeltaC1(a)Receptor
;   NAME/KEY: CDS
;   LOCATION: (69)..(1442)
US-09-773-877B-21

  Query Match             96.5%;  Score 1328.4;  DB 3;  Length 1453;
  Best Local Similarity   98.6%;  Pred. No. 0;
  Matches 1367;  Conservative    0;  Mismatches    1;  Indels   18;  Gaps    2;

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Qy         61 ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC 120
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Db        129 ACAGGATCTAGTTCCGGA---------GGTAGACCTTTCGTAGAGATGTACAGTGAAATC 179

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Qy        181 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAA 240
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Qy        241 CGCATAATCTGGGACAGTAGAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATA 300
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Db        360 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTCACA 419

Qy        361 CATCGACAAACCAATACAATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA 420
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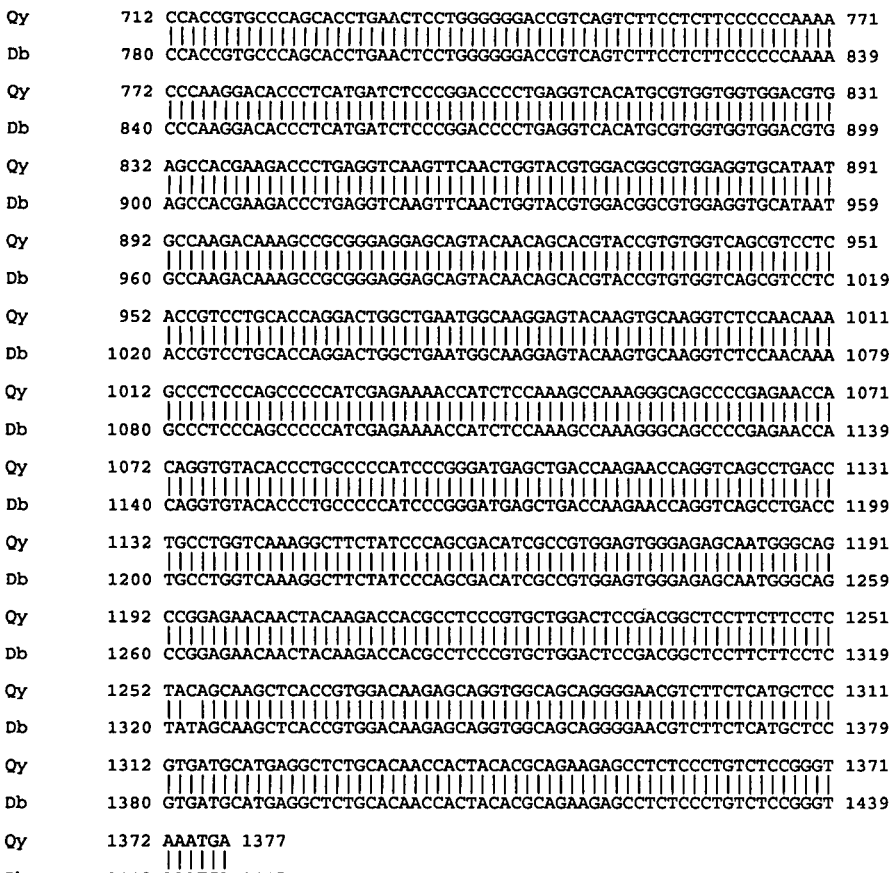

RESULT 3
US-09-773-877B-23
; Sequence 23, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23
; LENGTH: 1444
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1D2.VEGFR3D3.FcdeltaC1(a)Receptor
; NAME/KEY: CDS
; LOCATION: (69)..(1436)
US-09-773-877B-23

Query Match 76.2%; Score 1049.2; DB 3; Length 1444;
Best Local Similarity 86.7%; Pred. No. 1.3e-266;

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Db       1131 CAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC 1190

Qy       1132 TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG 1191
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Db       1191 TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG 1250

Qy       1192 CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC 1251
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Db       1251 CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC 1310

Qy       1252 TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1311
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Qy       1312 GTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGT 1371
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Qy       1372 AAATGA 1377
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Db       1431 AAATGA 1436
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RESULT 4
US-09-773-877B-15
; Sequence 15, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 1359
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1(2-3 deltaB)-Fc(Mut2)
; NAME/KEY: CDS
; LOCATION: (1)..(1359)
US-09-773-877B-15

Query Match 75.5%; Score 1039; DB 3; Length 1359;
Best Local Similarity 86.3%; Pred. No. 6.2e-264;
Matches 1189; Conservative 0; Mismatches 170; Indels 18; Gaps 3;

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Qy        121 CCCGAAATTATACACATGACTGAAGGAAGGGAGCTCGTCATTCCCTGCCGGGTTACGTCA 180
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Qy        301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTCACA 360
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Qy        421 TCTGTTGGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATT 480
              |   ||  | |  |||||| | |||||||| || |  |||    | ||   | |  ||
Db        412 CTTAGAGGCCATACTCTTGTCCTCAATTGTACTGCTACCACTCCCTTGAACACGAGAGTT 471

Qy        481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATAAGAAACTTGTAAACCGAGAC 540
              | | | ||||   |||||| |   |  | ||    ||     | ||  |||  | |
Db        472 CAAATGACCTGGAGTTACCCTGATGAAATTGACCAAAGCAATTCCCATGCCAACATATTC 531

Qy        541 CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTTGAGCACCTTAACTATAGATGGT 600
              |     |   ||     | ||| ||||     |     |   ||    | ||
Db        532 TACAGTGTTCTTACTATTGACAAAATGCAGAACAAAGACAAAGGACTTTATACTTGTCGT 591

Qy        601 GTAACCCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAG 660
              ||||   ||||||  | |  |||  |  |   |   | ||        ||  |   |
Db        592 GTAA---GGAGTGGACCATCATTCAAATCTGTTAACACCTC------AGTGCATATATAT 642

Qy        661 AAGAACAGCACATTTGTCAGGGTCCATGAAAAGGACAAAACTCACACATGCCCACCGTGC 720
              | ||           | |  |  | |         ||||||||||||||||||||||||||||
Db        643 GATAAAGCAGGCCCGGGCGAGCCCAAATCTTGTGACAAAACTCACACATGCCCACCGTGC 702

Qy        721 CCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCCAAAACCCAAGGAC 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        703 CCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCCAAAACCCAAGGAC 762

Qy        781 ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA 840
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        763 ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA 822

Qy        841 GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA 900
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        823 GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA 882

Qy        901 AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG 960
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        883 AAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTG 942

Qy        961 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA 1020
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        943 CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCA 1002

Qy       1021 GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTAC 1080
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1003 GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTAC 1062

Qy       1081 ACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTC 1140
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1063 ACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTC 1122

Qy       1141 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAAC 1200
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1123 AAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAAC 1182

Qy       1201 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1260
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1183 AACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAG 1242

Qy       1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1320
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1243 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT 1302

Qy       1321 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1377
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1303 GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1359
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RESULT 5

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US-09-773-877B-17
; Sequence 17, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
;  APPLICANT: Xia, Yu-Ping et al.
;  TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;  FILE REFERENCE: REG 710b
;  CURRENT APPLICATION NUMBER: US/09/773,877B
;  CURRENT FILING DATE:  2001-01-31
;  NUMBER OF SEQ ID NOS: 27
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
;   LENGTH: 1389
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Flt1(2-3)-Fc (Mut3)
;   NAME/KEY: CDS
;   LOCATION: (1)..(1389)
US-09-773-877B-17

  Query Match             75.0%;  Score 1032.4;  DB 3;  Length 1389;
  Best Local Similarity   85.5%;  Pred. No. 3.4e-262;
  Matches 1201;  Conservative    0;  Mismatches  161;  Indels   42;  Gaps    3;

Qy          1 ATGGTCAGCTACTGGGACACCGGGGTCCTGCTGTGCGCGCTGCTCAGCTGTCTGCTTCTC 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 ATGGTCAGCTACTGGGACACCGGGGTCCTGCTGTGCGCGCTGCTCAGCTGTCTGCTTCTC 60

Qy         61 ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC 120
              ||||||||||||||||          ||||||||||||||||||||||||||||||||
Db         61 ACAGGATCTAGTTCCGGA---------GGTAGACCTTTCGTAGAGATGTACAGTGAAATC 111

Qy        121 CCCGAAATTATACACATGACTGAAGGAAGGGAGCTCGTCATTCCCTGCCGGGTTACGTCA 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        112 CCCGAAATTATACACATGACTGAAGGAAGGGAGCTCGTCATTCCCTGCCGGGTTACGTCA 171

Qy        181 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAA 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        172 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAA 231

Qy        241 CGCATAATCTGGGACAGTAGAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATA 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        232 CGCATAATCTGGGACAGTAGAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATA 291

Qy        301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTCACA 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        292 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTCACA 351

Qy        361 CATCGACAAACCAATACAATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA 420
              |||||||||||||||||||||||||||||     | ||  |  | |    | |  || ||
Db        352 CATCGACAAACCAATACAATCATAGATGTCCAAATAAGCACACCACGCCCAGTCAAATTA 411

Qy        421 TCTGTTGGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATT 480
              |   ||  | |  |||||| | |||||||| || |  |||    | ||   | |  ||
Db        412 CTTAGAGGCCATACTCTTGTCCTCAATTGTACTGCTACCACTCCCTTGAACACGAGAGTT 471

Qy        481 GACTTCAACTGGGAATACCCTTCTTCGAAGCATCAGCATAAGAAACTTGTAAACCGAGAC 540
              |  | | ||||   ||||||       |  |  |  |||||| |  |       |
Db        472 CAAATGACCTGGAGTTACCCT------GATGAAAAAAATAAGAGAGCTTCCGTAAGGCGA 525

Qy        541 CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTTGAGCACCTTAACTATAGATGGT 600
              | ||    |||           |    || | ||| |  ||     | ||||| ||
Db        526 CGAATTGACCAAAGCAATTCCCATGCCAACATATTCTACAGTGTTCTTACTATTGACAAA 585

Qy        601 GTAACCCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAG 660
              |       |  ||| ||||| | || || |||   | |   ||||| |       |||
Db        586 ATGCAGAACAAAGACAAAGGACTTTATACTTGTCGTGTAAGGAGTGGACCATCATTCAAA 645

Qy        661 AAGAACAGCACATTTGTCAGGGTCCATGAAAA----------------------------G 693
              |  ||| |  ||     |  |||| ||
Db        646 TCTGTTAACACCTCAGTGCATATATATGATAAAGCAGGCCCGGGCGAGCCCAAATCTTGT 705

Qy        694 GACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC 753
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        706 GACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC 765

Qy        754 TTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 813
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        766 TTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 825

Qy        814 TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC 873
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        826 TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC 885

Qy        874 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC 933
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        886 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC 945

Qy        934 CGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG 993
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        946 CGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG 1005

Qy        994 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 1053
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1006 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 1065

Qy       1054 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 1113
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1066 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 1125

Qy       1114 AACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAG 1173
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1126 AACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAG 1185

Qy       1174 TGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 1233
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1186 TGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 1245

Qy       1234 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 1293
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1246 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 1305

Qy       1294 AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 1353
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1306 AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 1365

Qy       1354 CTCTCCCTGTCTCCGGGTAAATGA 1377
              ||||||||||||||||||||||||
Db       1366 CTCTCCCTGTCTCCGGGTAAATGA 1389


RESULT 6
US-09-773-877B-13
; Sequence 13, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
;  APPLICANT: Xia, Yu-Ping et al.
;  TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;  FILE REFERENCE: REG 710b
;  CURRENT APPLICATION NUMBER: US/09/773,877B
;  CURRENT FILING DATE:  2001-01-31
;  NUMBER OF SEQ ID NOS: 27
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
;   LENGTH: 1674
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Flt1(1-3 deltaB)(Mut 1)
;   NAME/KEY: CDS
;   LOCATION: (1)..(1674)
US-09-773-877B-13

  Query Match             71.7%;  Score 987.4;  DB 3;  Length 1674;
  Best Local Similarity   86.1%;  Pred. No. 2.7e-250;
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  Matches 1119;  Conservative    0;  Mismatches  171;  Indels    9;  Gaps    2;

Qy         79 AGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATCCCCGAAATTATACACATG 138
              |||||||| ||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        385 AGTGATACAGGTAGACCTTTCGTAGAGATGTACAGTGAAATCCCCGAAATTATACACATG 444

Qy        139 ACTGAAGGAAGGGAGCTCGTCATTCCCTGCCGGGTTACGTCACCTAACATCACTGTTACT 198
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        445 ACTGAAGGAAGGGAGCTCGTCATTCCCTGCCGGGTTACGTCACCTAACATCACTGTTACT 504

Qy        199 TTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAACGCATAATCTGGGACAGT 258
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        505 TTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAACGCATAATCTGGGACAGT 564

Qy        259 AGAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATAGGGCTTCTGACCTGTGAA 318
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        565 AGAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATAGGGCTTCTGACCTGTGAA 624

Qy        319 GCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTCACACATCGACAAACCAATACA 378
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        625 GCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTCACACATCGACAAACCAATACA 684

Qy        379 ATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTATCTGTTGGAGAAAAGCTT 438
              ||||||||||     | ||  |  | |     | |  || ||  |   ||  | |  |||
Db        685 ATCATAGATGTCCAAATAAGCACACCACGCCCAGTCAAATTACTTAGAGGCCATACTCTT 744

Qy        439 GTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATTGACTTCAACTGGGAATAC 498
              ||| | |||||||| || |  |||     | ||    | |  || |  | | ||||   |||
Db        745 GTCCTCAATTGTACTGCTACCACTCCCTTGAACACGAGAGTTCAAATGACCTGGAGTTAC 804

Qy        499 CCTTCTTCGAAGCATCAGCATAAGAAACTTGTAAACCGAGACCTAAAAACCCAGTCTGGG 558
              |||  |   |   | ||    ||    | ||  |||  | |  |     |    ||
Db        805 CCTGATGAAATTGACCAAAGCAATTCCCATGCCAACATATTCTACAGTGTTCTTACTATT 864

Qy        559 AGTGAGATGAAGAAATTTTTGAGCACCTTAACTATAGATGGTGTAACCCGGAGTGACCAA 618
                | |||  ||||        |     |    ||    | |||||   ||||||  | |
Db        865 GACAAAATGCAGAACAAAGACAAAGGACTTTATACTTGTCGTGTAA---GGAGTGGACCA 921

Qy        619 GGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAGAAGAACAGCACATTTGTC 678
              |||  |   |    |  | ||         ||   |   |  | ||           | |
Db        922 TCATTCAAATCTGTTAACACCTC------AGTGCATATATATGATAAAGCAGGCCCGGGC 975

Qy        679 AGGGTCCATGAAAAGGACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTG 738
              |  | |       ||||||||||||||||||||||||||||||||||||||||||||||||
Db        976 GAGCCCAAATCTTGTGACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTG 1035

Qy        739 GGGGGACCGTCAGTCTTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGG 798
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1036 GGGGGACCGTCAGTCTTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGG 1095

Qy        799 ACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTC 858
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1096 ACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTC 1155

Qy        859 AACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAG 918
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1156 AACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAG 1215

Qy        919 TACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAAT 978
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1216 TACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAAT 1275

Qy        979 GGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACC 1038
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1276 GGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACC 1335

Qy       1039 ATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGG 1098
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1336 ATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGG 1395

Qy       1099 GATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGC 1158
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1396 GATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGC 1455

Qy       1159 GACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCT 1218
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1456 GACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCT 1515

Qy       1219 CCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGC 1278
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1516 CCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGC 1575

Qy       1279 AGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCAC 1338
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1576 AGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCAC 1635

Qy       1339 TACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1377
              |||||||||||||||||||||||||||||||||||||||
Db       1636 TACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1674


RESULT 7
US-09-773-877B-19
; Sequence 19, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
;  APPLICANT: Xia, Yu-Ping et al.
;  TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;  FILE REFERENCE: REG 710b
;  CURRENT APPLICATION NUMBER: US/09/773,877B
;  CURRENT FILING DATE:  2001-01-31
;  NUMBER OF SEQ ID NOS: 27
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
;   LENGTH: 1704
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Flt1(1-3 R->N)(Mut 4)
;   NAME/KEY: CDS
;   LOCATION: (1)..(1704)
US-09-773-877B-19

  Query Match             71.3%;  Score 982.4;  DB 3;  Length 1704;
  Best Local Similarity   85.4%;  Pred. No. 5.7e-249;
  Matches 1132;  Conservative    0;  Mismatches  161;  Indels   33;  Gaps    2;

Qy         79 AGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATCCCCGAAATTATACACATG 138
              |||||||| ||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        385 AGTGATACAGGTAGACCTTTCGTAGAGATGTACAGTGAAATCCCCGAAATTATACACATG 444

Qy        139 ACTGAAGGAAGGGAGCTCGTCATTCCCTGCCGGGTTACGTCACCTAACATCACTGTTACT 198
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        445 ACTGAAGGAAGGGAGCTCGTCATTCCCTGCCGGGTTACGTCACCTAACATCACTGTTACT 504

Qy        199 TTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAACGCATAATCTGGGACAGT 258
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        505 TTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAACGCATAATCTGGGACAGT 564

Qy        259 AGAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATAGGGCTTCTGACCTGTGAA 318
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        565 AGAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATAGGGCTTCTGACCTGTGAA 624

Qy        319 GCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTCACACATCGACAAACCAATACA 378
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        625 GCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTCACACATCGACAAACCAATACA 684

Qy        379 ATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTATCTGTTGGAGAAAAGCTT 438
              ||||||||||     | ||  |  | |     | |  || ||  |   ||  | |  |||
Db        685 ATCATAGATGTCCAAATAAGCACACCACGCCCAGTCAAATTACTTAGAGGCCATACTCTT 744

Qy        439 GTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATTGACTTCAACTGGGAATAC 498
              ||| | |||||||| || |  |||     | ||    | |  || |  | | ||||   |||
Db        745 GTCCTCAATTGTACTGCTACCACTCCCTTGAACACGAGAGTTCAAATGACCTGGAGTTAC 804

Qy        499 CCTTCTTCGAAGCATCAGCATAAGAAACTTGTAAACCGAGACCTAAAAACCCAGTCTGGG 558
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Db        805 CCTGATGAAAAAAATAAGAACGCTTCCGTAAGGCGACGAATTGACCAAAGCAATTC---- 860

Qy        559 AGTGAGATGAAGAAATTTTTGAGCACCTTAACTATAGATGGTGTAACCCGGAGTGACCAA 618

Db        861 --CCATGCCAACATATTCTACAGTGTTCTTACTATTGACAAAATGCAGAACAAAGACAAA 918

Qy        619 GGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAGAAGAACAGCACATTTGTC 678

Db        919 GGACTTTATACTTGTCGTGTAAGGAGTGGACCATCATTCAAATCTGTTAACACCTCAGTG 978

Qy        679 AGGGTCCATGAAAA----------------------------GGACAAAACTCACACATGC 711

Db        979 CATATATATGATAAAGCAGGCCCGGGCGAGCCCAAATCTTGTGACAAAACTCACACATGC 1038

Qy        712 CCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCCAAAA 771

Db       1039 CCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCCAAAA 1098

Qy        772 CCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTG 831

Db       1099 CCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTG 1158

Qy        832 AGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAAT 891

Db       1159 AGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAAT 1218

Qy        892 GCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTC 951

Db       1219 GCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTC 1278

Qy        952 ACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAA 1011

Db       1279 ACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAA 1338

Qy       1012 GCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCA 1071

Db       1339 GCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCA 1398

Qy       1072 CAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC 1131

Db       1399 CAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC 1458

Qy       1132 TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG 1191

Db       1459 TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG 1518

Qy       1192 CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC 1251

Db       1519 CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC 1578

Qy       1252 TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1311

Db       1579 TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1638

Qy       1312 GTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGT 1371

Db       1639 GTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGT 1698

Qy       1372 AAATGA 1377

Db       1699 AAATGA 1704


RESULT 8
US-09-773-877B-11
; Sequence 11, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
;  APPLICANT: Xia, Yu-Ping et al.
;  TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;  FILE REFERENCE: REG 710b
;  CURRENT APPLICATION NUMBER: US/09/773,877B
;  CURRENT FILING DATE:  2001-01-31
;  NUMBER OF SEQ ID NOS: 27
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 11
;   LENGTH: 1704
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Flt1(1-3)-Fc
;   NAME/KEY: CDS
;   LOCATION: (1)..(1704)
US-09-773-877B-11

  Query Match           71.2%;  Score 980.8;  DB 3;  Length 1704;
  Best Local Similarity  85.3%;  Pred. No. 1.5e-248;
  Matches 1131;  Conservative    0;  Mismatches  162;  Indels   33;  Gaps    2;

Qy          79 AGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATCCCCGAAATTATACACATG 138

Db         385 AGTGATACAGGTAGACCTTTCGTAGAGATGTACAGTGAAATCCCCGAAATTATACACATG 444

Qy         139 ACTGAAGGAAGGGAGCTCGTCATTCCCTGCCGGGTTACGTCACCTAACATCACTGTTACT 198

Db         445 ACTGAAGGAAGGGAGCTCGTCATTCCCTGCCGGGTTACGTCACCTAACATCACTGTTACT 504

Qy         199 TTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAACGCATAATCTGGGACAGT 258

Db         505 TTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAACGCATAATCTGGGACAGT 564

Qy         259 AGAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATAGGGCTTCTGACCTGTGAA 318

Db         565 AGAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATAGGGCTTCTGACCTGTGAA 624

Qy         319 GCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTCACACATCGACAAACCAATACA 378

Db         625 GCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTCACACATCGACAAACCAATACA 684

Qy         379 ATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTATCTGTTGGAGAAAAGCTT 438

Db         685 ATCATAGATGTCCAAATAAGCACACCACGCCCAGTCAAATTACTTAGAGGCCATACTCTT 744

Qy         439 GTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATTGACTTCAACTGGGAATAC 498

Db         745 GTCCTCAATTGTACTGCTACCACTCCCTTGAACACGAGAGTTCAAATGACCTGGAGTTAC 804

Qy         499 CCTTCTTCGAAGCATCAGCATAAGAAACTTGTAAACCGAGACCTAAAAACCCAGTCTGGG 558

Db         805 CCT------GATGAAAAAAATAAGAGAGCTTCCGTAAGGCGACGAATTGACCAAAGCAAT 858

Qy         559 AGTGAGATGAAGAAATTTTTGAGCACCTTAACTATAGATGGTGTAACCCGGAGTGACCAA 618

Db         859 TCCCATGCCAACATATTCTACAGTGTTCTTACTATTGACAAAATGCAGAACAAAGACAAA 918

Qy         619 GGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAGAAGAACAGCACATTTGTC 678

Db         919 GGACTTTATACTTGTCGTGTAAGGAGTGGACCATCATTCAAATCTGTTAACACCTCAGTG 978

Qy         679 AGGGTCCATGAAAA----------------------------GGACAAAACTCACACATGC 711

Db         979 CATATATATGATAAAGCAGGCCCGGGCGAGCCCAAATCTTGTGACAAAACTCACACATGC 1038

Qy         712 CCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCCAAAA 771

Db        1039 CCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCCAAAA 1098

Qy         772 CCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTG 831

Db        1099 CCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTG 1158

Qy         832 AGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAAT 891

Db        1159 AGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAAT 1218
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Qy        892 GCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTC 951
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1219 GCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTC 1278

Qy        952 ACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAA 1011
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1279 ACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAA 1338

Qy       1012 GCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCA 1071
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1339 GCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCA 1398

Qy       1072 CAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC 1131
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1399 CAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC 1458

Qy       1132 TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG 1191
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1459 TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG 1518

Qy       1192 CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC 1251
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1519 CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC 1578

Qy       1252 TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1311
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1579 TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1638

Qy       1312 GTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGT 1371
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1639 GTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGT 1698

Qy       1372 AAATGA 1377
              ||||||
Db       1699 AAATGA 1704


RESULT 9
US-08-227-496C-14
; Sequence 14, Application US/08227496C
; Patent No. 6130202
;  GENERAL INFORMATION:
;    APPLICANT:  Greve, Jeffrey M.
;    APPLICANT:  McClelland, Alan
;    TITLE OF INVENTION:  Multimeric Forms of Human
;    TITLE OF INVENTION:  Rhinovirus Receptor Protein
;    NUMBER OF SEQUENCES:  20
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Bayer Corporation
;      STREET:  400 Morgan Lane
;      CITY:  West Haven
;      STATE:  Connecticut
;      COUNTRY:  USA
;      ZIP:  06516
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  diskette, 1.44 Mb storage
;      COMPUTER:  Dell OptiPlex GX1
;      OPERATING SYSTEM:  Windows 95
;      SOFTWARE:  WordPerfect 8.0 for Windows
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/227,496C
;      FILING DATE:  04/14/94
;      CLASSIFICATION:  514
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  07/903,069
;      FILING DATE:  06/22/92
;      APPLICATION NUMBER:  07/704,984
;      FILING DATE:  05/24/91
;      APPLICATION NUMBER:  07/556,238
;      FILING DATE:  07/20/90
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Barbara A. Shimei
;      REGISTRATION NUMBER:  29,862
;      REFERENCE/DOCKET NUMBER:  MTI 214.2C
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (203) 812-2786
;      TELEFAX:  (203) 812-5492
;  INFORMATION FOR SEQ ID NO:  14:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  2043 bp
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  other nucleic acid
;    HYPOTHETICAL:  no
;    ANTI-SENSE:  no
;    FEATURE:
;      NAME/KEY:  tICAM(453)/IgG fusion
;      OTHER INFORMATION:  bp 1-1359 = nucleotides coding
;      OTHER INFORMATION:  for amino acid residues 1-453 of ICAM-1; bp 1360-
;      OTHER INFORMATION:  2040 = nucleotides coding for amino acid residues
;      OTHER INFORMATION:  216-442 of human heavy chain IgG1; bp 2401-2043 =
;      OTHER INFORMATION:  stop codon
US-08-227-496C-14

  Query Match             49.8%;  Score 686;  DB 3;  Length 2043;
  Best Local Similarity   95.9%;  Pred. No. 9.3e-171;
  Matches  704;  Conservative    0;  Mismatches   30;  Indels    0;  Gaps    0;

Qy        644 GTGGGCTGATGACCAAGAAGAACAGCACATTTGTCAGGGTCCATGAAAAGGACAAAACTC 703
              | | | | |    ||||  || |    |   | ||      ||   | ||||||||||||
Db       1310 GGGAGGTCACCCGCAAGGTGACCGTGAATGTGCTCTCCCCCCGGTATGAGGACAAAACTC 1369

Qy        704 ACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCC 763
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1370 ACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCC 1429

Qy        764 CCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGG 823
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1430 CCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGG 1489

Qy        824 TGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGG 883
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1490 TGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGG 1549

Qy        884 TGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCA 943
              |||||||||||||||||||||||||||||||||||||||||||||||||| |||||||
Db       1550 TGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGGGTGGTCA 1609

Qy        944 GCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCT 1003
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1610 GCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCT 1669

Qy       1004 CCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCC 1063
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1670 CCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCC 1729

Qy       1064 GAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCA 1123
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1730 GAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCA 1789

Qy       1124 GCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCA 1183
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1790 GCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCA 1849

Qy       1184 ATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCT 1243
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1850 ATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCT 1909

Qy       1244 TCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCT 1303
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1910 TCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCT 1969

Qy       1304 CATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGT 1363
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1970 CATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGT 2029
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Qy       1364 CTCCGGGTAAATGA 1377
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Db       2030 CTCCGGGTAAATGA 2043


RESULT 10
US-09-023-655-1223
; Sequence 1223, Application US/09023655
; Patent No. 6607879
;  GENERAL INFORMATION:
;    APPLICANT:  Cocks, Benjamin G.
;    APPLICANT:  Susan G. Stuart
;    APPLICANT:  Jeffrey J. Seilhamer
;    TITLE OF INVENTION:  COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
;    TITLE OF INVENTION:  EXPRESSION
;    NUMBER OF SEQUENCES:  1508
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  INCYTE PHARMACEUTICALS, INC.
;      STREET:  3174 PORTER DRIVE
;      CITY:  PALO ALTO
;      STATE:  CALIFORNIA
;      COUNTRY:  USA
;      ZIP:  94304
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  Word Perfect 6.1 for Windows/MS-DOS 6.2
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/023,655
;      FILING DATE:  HEREWITH
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:
;      FILING DATE:
;      CLASSIFICATION:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Zeller, Karen J.
;      REGISTRATION NUMBER:  37,071
;      REFERENCE/DOCKET NUMBER:  PA-0001 US
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (650) 855-0555
;      TELEFAX:  (650) 845-4166
;  INFORMATION FOR SEQ ID NO:  1223:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  705 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    IMMEDIATE SOURCE:
;      LIBRARY:  GENBANK
;      CLONE:  g243865
US-09-023-655-1223

  Query Match             49.7%;  Score 684;  DB 3;  Length 705;
  Best Local Similarity   100.0%;  Pred. No. 2e-170;
  Matches  684;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy        694 GACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC 753
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          5 GACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC 64

Qy        754 TTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 813
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         65 TTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 124

Qy        814 TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC 873
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        125 TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC 184

Qy        874 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC 933
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        185 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC 244

Qy        934 CGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG 993
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        245 CGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG 304

Qy        994 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 1053
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        305 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 364

Qy       1054 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 1113
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        365 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 424

Qy       1114 AACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAG 1173
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        425 AACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAG 484

Qy       1174 TGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 1233
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        485 TGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 544

Qy       1234 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 1293
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        545 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 604

Qy       1294 AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 1353
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        605 AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 664

Qy       1354 CTCTCCCTGTCTCCGGGTAAATGA 1377
              ||||||||||||||||||||||||
Db        665 CTCTCCCTGTCTCCGGGTAAATGA 688


RESULT 11
US-09-178-869-1
; Sequence 1, Application US/09178869B
; Patent No. 6197294
; GENERAL INFORMATION:
;  APPLICANT: Tao, Weng
;  APPLICANT: Wong, Shou
;  APPLICANT: Hickey, William F
;  APPLICANT: Hammang, Joseph P.
;  APPLICANT: Baetge, E. Edward
;  TITLE OF INVENTION: CELL SURFACE-INDUCED MACROPHAGE ACTIVATION
;  FILE REFERENCE: 17810-043
;  CURRENT APPLICATION NUMBER: US/09/178,869B
;  CURRENT FILING DATE: 1998-10-26
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
;   LENGTH: 1019
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: gene
;   LOCATION: ()..)
;   OTHER INFORMATION: Description of Sequence: Recombinant
;   OTHER INFORMATION: Polynucleotide
;   FEATURE:
;   NAME/KEY: CDS
;   LOCATION: (16)..(1008)
US-09-178-869-1

  Query Match             49.7%;  Score 684;  DB 3;  Length 1019;
  Best Local Similarity   100.0%;  Pred. No. 2.4e-170;
  Matches  684;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy        694 GACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC 753
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        328 GACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC 387
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Qy        754 TTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 813
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        388 TTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 447

Qy        814 TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC 873
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        448 TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC 507

Qy        874 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC 933
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        508 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC 567

Qy        934 CGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG 993
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        568 CGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG 627

Qy        994 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 1053
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        628 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 687

Qy       1054 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 1113
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Db        688 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 747

Qy       1114 AACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAG 1173
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Db        748 AACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAG 807

Qy       1174 TGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 1233
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Db        808 TGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 867

Qy       1234 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 1293
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        868 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 927

Qy       1294 AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 1353
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        928 AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 987

Qy       1354 CTCTCCCTGTCTCCGGGTAAATGA 1377
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Db        988 CTCTCCCTGTCTCCGGGTAAATGA 1011


RESULT 12
US-09-761-413-1
; Sequence 1, Application US/09761413
; Patent No. 6506891
; GENERAL INFORMATION:
;  APPLICANT: Tao, Weng
;  APPLICANT:  Wong, Shou
;  APPLICANT:  Hickey, William F
;  APPLICANT:  Hammang, Joseph P.
;  APPLICANT:  Baetge, E. Edward
;  TITLE OF INVENTION: CELL SURFACE-INDUCED MACROPHAGE ACTIVATION
;  FILE REFERENCE: 17810-043
;  CURRENT APPLICATION NUMBER: US/09/761,413
;  CURRENT FILING DATE:  2001-01-16
;  PRIOR APPLICATION NUMBER: US/09/178,869
;  PRIOR FILING DATE: 1998-10-26
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
;   LENGTH: 1019
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: gene
;   LOCATION: ()..)
;   OTHER INFORMATION: Description of Sequence: Recombinant
;   OTHER INFORMATION: Polynucleotide
;   NAME/KEY: CDS
;   LOCATION: (16)..(1008)
US-09-761-413-1

  Query Match             49.7%;  Score 684;  DB 3;  Length 1019;
  Best Local Similarity   100.0%;  Pred. No. 2.4e-170;
  Matches  684;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy        694 GACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC 753
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Db        328 GACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC 387

Qy        754 TTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 813
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        388 TTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 447

Qy        814 TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC 873
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        448 TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC 507

Qy        874 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC 933
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Db        508 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC 567

Qy        934 CGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG 993
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Db        568 CGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG 627

Qy        994 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 1053
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        628 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 687

Qy       1054 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 1113
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        688 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 747

Qy       1114 AACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAG 1173
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        748 AACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAG 807

Qy       1174 TGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 1233
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Db        808 TGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 867

Qy       1234 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 1293
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Db        868 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 927

Qy       1294 AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 1353
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Db        928 AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 987

Qy       1354 CTCTCCCTGTCTCCGGGTAAATGA 1377
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Db        988 CTCTCCCTGTCTCCGGGTAAATGA 1011


RESULT 13
US-09-180-100-18
; Sequence 18, Application US/09180100
; Patent No. 6306395
; GENERAL INFORMATION:
;  APPLICANT: NAKAMURA, No. 6306395io
;  APPLICANT: NAGATA, Shigekazu
;  TITLE OF INVENTION: NOVEL Fas ANTIGEN DERIVATIVE
;  FILE REFERENCE: 1110-207P
;  CURRENT APPLICATION NUMBER: US/09/180,100
;  CURRENT FILING DATE: 1998-11-02
;  EARLIER APPLICATION NUMBER: PCT/JP97/01502
;  EARLIER FILING DATE: 1997-05-01
;  NUMBER OF SEQ ID NOS: 25
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
;   LENGTH: 1182
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;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-180-100-18

  Query Match             49.7%;  Score 684;  DB 3;  Length 1182;
  Best Local Similarity   100.0%;  Pred. No. 2.5e-170;
  Matches  684;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy        694 GACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC 753
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        483 GACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC 542

Qy        754 TTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 813
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Db        543 TTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 602

Qy        814 TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC 873
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        603 TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC 662

Qy        874 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC 933
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        663 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC 722

Qy        934 CGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG 993
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        723 CGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG 782

Qy        994 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 1053
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        783 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 842

Qy       1054 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 1113
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        843 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 902

Qy       1114 AACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAG 1173
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         903 AACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAG 962

Qy       1174 TGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 1233
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Db         963 TGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 1022

Qy       1234 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 1293
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Db        1023 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 1082

Qy       1294 AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 1353
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Db        1083 AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 1142

Qy       1354 CTCTCCCTGTCTCCGGGTAAATGA 1377
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Db        1143 CTCTCCCTGTCTCCGGGTAAATGA 1166


RESULT 14
US-09-949-713-18
; Sequence 18, Application US/09949713
; Patent No. 6953847
; GENERAL INFORMATION:
;  APPLICANT: NAKAMURA, No. 6953847io
;  APPLICANT:  NAGATA, Shigekazu
;  TITLE OF INVENTION: NOVEL Fas ANTIGEN DERIVATIVE
;  FILE REFERENCE: 1110-207P
;  CURRENT APPLICATION NUMBER: US/09/949,713
;  CURRENT FILING DATE:  2001-09-12
;  PRIOR APPLICATION NUMBER: US/09/180,100
;  PRIOR FILING DATE: 1998-11-02
;  PRIOR APPLICATION NUMBER: PCT/JP97/01502
;  PRIOR FILING DATE: 1997-05-01
;  NUMBER OF SEQ ID NOS: 25

;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
;   LENGTH: 1182
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-949-713-18

  Query Match             49.7%;  Score 684;  DB 3;  Length 1182;
  Best Local Similarity   100.0%;  Pred. No. 2.5e-170;
  Matches  684;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy        694 GACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC 753
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Db        483 GACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC 542

Qy        754 TTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 813
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        543 TTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 602

Qy        814 TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC 873
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Db        603 TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC 662

Qy        874 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC 933
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        663 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC 722

Qy        934 CGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG 993
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        723 CGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG 782

Qy        994 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 1053
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Db        783 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 842

Qy       1054 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 1113
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Db        843 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 902

Qy       1114 AACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAG 1173
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Db         903 AACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAG 962

Qy       1174 TGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 1233
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Db         963 TGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 1022

Qy       1234 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 1293
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Qy       1354 CTCTCCCTGTCTCCGGGTAAATGA 1377
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Db        1143 CTCTCCCTGTCTCCGGGTAAATGA 1166


RESULT 15
US-08-488-376-19
; Sequence 19, Application US/08488376
; Patent No. 5811524
;  GENERAL INFORMATION:
;    APPLICANT:  BRAMS, Peter
;    APPLICANT:  CHAMAT, Soulaima Salim
;    APPLICANT:  PAN, Li-Zhen
;    APPLICANT:  WALSH, Edward E.
;    APPLICANT:  HEARD, Cheryl Janne
;    APPLICANT:  NEWMAN, Roland Anthony
;    TITLE OF INVENTION:  NEUTRALIZING HIGH AFFINITY HUMAN
;    TITLE OF INVENTION:  MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
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;    TITLE OF INVENTION:  METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
;    NUMBER OF SEQUENCES:  19
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Burns, Doane, Swecker & Mathis
;      STREET:  P.O. Box 1404
;      CITY:  Alexandria
;      STATE:  Virginia
;      COUNTRY:  United States
;      ZIP:  22313-1404
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/488,376
;      FILING DATE:  07-JUN-1995
;      CLASSIFICATION:  424
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Teskin, Robin L.
;      REGISTRATION NUMBER:  35,030
;      REFERENCE/DOCKET NUMBER:  012712-150
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (703) 836-6620
;      TELEFAX:  (703) 836-2021
;  INFORMATION FOR SEQ ID NO:  19:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1428 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA (genomic)
;    FEATURE:
;      NAME/KEY:  CDS
;      LOCATION:  1..1428
US-08-488-376-19

  Query Match             49.7%;  Score 684;  DB 2;  Length 1428;
  Best Local Similarity   100.0%;  Pred. No. 2.7e-170;
  Matches  684;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy        694 GACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC 753
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Db        745 GACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC 804

Qy        754 TTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 813
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Db        805 TTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA 864

Qy        814 TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC 873
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Db        865 TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC 924

Qy        874 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC 933
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Db        925 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTAC 984

Qy        934 CGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG 993
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Db        985 CGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG 1044

Qy        994 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 1053
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Db       1045 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 1104

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Db       1105 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 1164

Qy       1114 AACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAG 1173
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Db       1165 AACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAG 1224

Qy       1174 TGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 1233
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Db       1225 TGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCC 1284

Qy       1234 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 1293
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Db       1285 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGG 1344

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Job time : 289 secs
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: January 17, 2006, 06:55:25 ; Search time 23 Seconds
(without alignments)
1646.324 Million cell updates/sec

Title: US-10-811-170-2
Perfect score: 2437
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Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	2399	98.4	458	2	US-09-773-877B-22	Sequence 22, Appl
3	2261	92.8	431	2	US-09-773-877B-27	Sequence 27, Appl
4	2069.5	84.9	455	2	US-09-773-877B-24	Sequence 24, Appl
5	2049	84.1	462	2	US-09-773-877B-18	Sequence 18, Appl
6	2038	83.6	452	2	US-09-773-877B-16	Sequence 16, Appl
7	2015.5	82.7	567	2	US-09-773-877B-20	Sequence 20, Appl
8	2014.5	82.7	567	2	US-09-773-877B-12	Sequence 12, Appl
9	2003.5	82.2	557	2	US-09-773-877B-14	Sequence 14, Appl
10	1304	53.5	680	2	US-08-227-496C-15	Sequence 15, Appl
11	1293.5	53.1	915	2	US-10-282-162-46	Sequence 46, Appl
12	1290.5	53.0	915	2	US-10-282-162-52	Sequence 52, Appl
13	1288	52.9	900	2	US-10-282-162-34	Sequence 34, Appl
14	1281.5	52.6	900	2	US-10-282-162-40	Sequence 40, Appl
15	1280	52.5	497	2	US-09-499-846-6	Sequence 6, Appli
16	1279.5	52.5	622	2	US-09-499-846-2	Sequence 2, Appli
17	1275.5	52.3	910	2	US-09-313-942-28	Sequence 28, Appl
18	1275.5	52.3	910	2	US-10-282-162-28	Sequence 28, Appl
19	1274.5	52.3	525	2	US-09-499-846-4	Sequence 4, Appli
20	1269.5	52.1	488	2	US-09-499-846-12	Sequence 12, Appl
21	1269	52.1	388	2	US-09-131-247-16	Sequence 16, Appl
22	1269	52.1	388	2	US-09-784-623-16	Sequence 16, Appl
23	1265	51.9	347	1	US-07-940-861-43	Sequence 43, Appl
24	1265	51.9	347	1	US-08-459-512-43	Sequence 43, Appl
25	1265	51.9	347	1	US-08-459-657-43	Sequence 43, Appl
26	1265	51.9	347	1	US-08-460-132-43	Sequence 43, Appl
27	1265	51.9	347	2	US-08-466-465-8	Sequence 8, Appli
28	1265	51.9	347	2	US-09-730-465-8	Sequence 8, Appli
29	1265	51.9	347	4	PCT-US92-02050-43	Sequence 43, Appl
30	1265	51.9	497	2	US-09-499-846-10	Sequence 10, Appl
31	1261	51.7	459	1	US-08-157-101A-7	Sequence 7, Appli
32	1259.5	51.7	525	2	US-09-499-846-8	Sequence 8, Appli
33	1256	51.5	475	2	US-09-740-002-25	Sequence 25, Appl
34	1254.5	51.5	547	2	US-09-746-359A-54	Sequence 54, Appl
35	1254.5	51.5	571	2	US-09-746-359A-53	Sequence 53, Appl
36	1254.5	51.5	691	2	US-09-313-942-20	Sequence 20, Appl
37	1254.5	51.5	691	2	US-10-282-162-20	Sequence 20, Appl
38	1254.5	51.5	694	2	US-09-313-942-22	Sequence 22, Appl
39	1254.5	51.5	694	2	US-10-282-162-22	Sequence 22, Appl
40	1253.5	51.4	387	1	US-08-470-299-4	Sequence 4, Appli
41	1253.5	51.4	437	4	PCT-US96-10043-11	Sequence 11, Appl
42	1253.5	51.4	704	2	US-09-590-656-2	Sequence 2, Appli
43	1253.5	51.4	704	2	US-09-733-764-2	Sequence 2, Appli
44	1252.5	51.4	450	2	US-09-996-288-248	Sequence 248, App
45	1252.5	51.4	450	2	US-09-996-265-248	Sequence 248, App

ALIGNMENTS

RESULT 1
US-09-773-877B-26
; Sequence 26, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
; LENGTH: 458
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: VEGFR1R2-FcdeltaC1(a) Receptor
US-09-773-877B-26

Query Match 100.0%; Score 2437; DB 2; Length 458;
Best Local Similarity 100.0%; Pred. No. 1.9e-196;
Matches 458; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy          1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60

Qy         61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120

Qy        121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180

Qy        181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240

Qy        241 PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300

Qy        301 KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY 360

Qy        361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Db        361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420

Qy        421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
              |||||||||||||||||||||||||||||||||||||
Db        421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458


RESULT 2
US-09-773-877B-22
; Sequence 22, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
;  APPLICANT: Xia, Yu-Ping et al.
;  TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;  FILE REFERENCE: REG 710b
;  CURRENT APPLICATION NUMBER: US/09/773,877B
;  CURRENT FILING DATE:  2001-01-31
;  NUMBER OF SEQ ID NOS: 27
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 22
;   LENGTH: 458
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Flt1D2.Flk1D3.FcdeltaC1(a) Receptor
US-09-773-877B-22

  Query Match            98.4%;  Score 2399;  DB 2;  Length 458;
  Best Local Similarity  98.7%;  Pred. No. 2.9e-193;
  Matches  455;  Conservative    0;  Mismatches    0;  Indels    6;  Gaps    2;

Qy          1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60
              |||||||||||||||||||||||||   ||||||||||||||||||||||||||||||||
Db          1 MVSYWDTGVLLCALLSCLLLTGSSSG---GRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 57

Qy         61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         58 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 117

Qy        121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        118 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 177

Qy        181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEK---DKTHTC 237
              ||||||||||||||||||||||||||||||||||||||||||||||||||   ||||||
Db        178 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKGPGDKTHTC 237

Qy        238 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        238 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297

Qy        298 AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        298 AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357

Qy        358 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFL 417
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        358 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFL 417

Qy        418 YSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
              |||||||||||||||||||||||||||||||||||||||||
Db        418 YSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458


RESULT 3
US-09-773-877B-27
; Sequence 27, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
;  APPLICANT: Xia, Yu-Ping et al.
;  TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;  FILE REFERENCE: REG 710b
;  CURRENT APPLICATION NUMBER: US/09/773,877B
;  CURRENT FILING DATE:  2001-01-31
;  NUMBER OF SEQ ID NOS: 27
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 27
;   LENGTH: 431
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Peptide
US-09-773-877B-27

  Query Match            92.8%;  Score 2261;  DB 2;  Length 431;
  Best Local Similarity  99.1%;  Pred. No. 1.1e-181;
  Matches  428;  Conservative    0;  Mismatches    0;  Indels    4;  Gaps    2;

Qy         30 GRPFVEMYSEIPEIIHMTEGRELVIPCRVTSPNITVTLKKFPLDTLIPDGKRIIWDSRKG 89
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 GRPFVEMYSEIPEIIHMTEGRELVIPCRVTSPNITVTLKKFPLDTLIPDGKRIIWDSRKG 60

Qy         90 FIISNATYKEIGLLTCEATVNGHLYKTNYLTHRQTNTIIDVVLSPSHGIELSVGEKLVLN 149
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 FIISNATYKEIGLLTCEATVNGHLYKTNYLTHRQTNTIIDVVLSPSHGIELSVGEKLVLN 120

Qy        150 CTARTELNVGIDFNWEYPSSKHQHKKLVNRDLKTQSGSEMKKFLSTLTIDGVTRSDQGLY 209
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 CTARTELNVGIDFNWEYPSSKHQHKKLVNRDLKTQSGSEMKKFLSTLTIDGVTRSDQGLY 180

Qy        210 TCAASSGLMTKKNSTFVRVHEK---DKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISR 266
              ||||||||||||||||||||||   ||||||||||||||||||||||||||||||||||||
Db        181 TCAASSGLMTKKNSTFVRVHEKGPGDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISR 240

Qy        267 TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLN 326
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLN 300

Qy        327 GKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPS 386
              |||||||||||||||||||||||||||||||||||||||||||||||| ||||||||||
Db        301 GKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS-TCLVKGFYPS 359

Qy        387 DIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNH 446
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        360 DIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNH 419

Qy        447 YTQKSLSLSPGK 458
              ||||||||||||
Db        420 YTQKSLSLSPGK 431


RESULT 4
US-09-773-877B-24
; Sequence 24, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
;  APPLICANT: Xia, Yu-Ping et al.
;  TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;  FILE REFERENCE: REG 710b
;  CURRENT APPLICATION NUMBER: US/09/773,877B
;  CURRENT FILING DATE:  2001-01-31
;  NUMBER OF SEQ ID NOS: 27
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 24
;   LENGTH: 455
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Flt1D2.VEGFR3D3.FcdeltaC1(a)Receptor
US-09-773-877B-24

  Query Match            84.9%;  Score 2069.5;  DB 2;  Length 455;
  Best Local Similarity  85.7%;  Pred. No. 1.4e-165;
  Matches  395;  Conservative   16;  Mismatches   41;  Indels    9;  Gaps    3;

Qy          1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60
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Db          1 MVSYWDTGVLLCALLSCLLLTGSSSG---GRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 57

Qy         61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         58 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 117

Qy        121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180
              |||||||||: | |   :|| |||||||||:. | | |: |:|:||  : :  | ||
Db        118 HRQTNTIIDIQLLPRKSLELLVGEKLVLNCTVWAEFNSGVTFDWDYPGKQAERGKWVPER 177

Qy        181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEK---DKTHTC 237
                 |: :|:    | |||  |:: | | | | |::|:   : || | |||    ||||||
Db        178 RSQQTHTELS---SILTIHNVSQHDLGSYVCKANNGIQRFRESTEVIVHENGPGDKTHTC 234

Qy        238 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        235 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 294

Qy        298 AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        295 AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 354

Qy        358 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFL 417
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        355 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFL 414

Qy        418 YSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
              |||||||||||||||||||||||||||||||||||||||||
Db        415 YSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 455


RESULT 5
US-09-773-877B-18
; Sequence 18, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
;  APPLICANT: Xia, Yu-Ping et al.
;  TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;  FILE REFERENCE: REG 710b
;  CURRENT APPLICATION NUMBER: US/09/773,877B
;  CURRENT FILING DATE:  2001-01-31
;  NUMBER OF SEQ ID NOS: 27
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18
;   LENGTH: 462
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Flt1(2-3)-Fc (Mut3)
US-09-773-877B-18

  Query Match             84.1%;  Score 2049;  DB 2;  Length 462;
  Best Local Similarity   84.2%;  Pred. No. 7.7e-164;
  Matches  393;  Conservative   13;  Mismatches   47;  Indels   14;  Gaps    3;

Qy          1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60
              ||||||||||||||||||||||||||   |||||||||||||||||||||||||||||||
Db          1 MVSYWDTGVLLCALLSCLLLTGSSSG---GRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 57

Qy         61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         58 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 117

Qy        121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180
              |||||||||| :|    ::|  |  ||||||| | ||  :   | ||      |:   : |
Db        118 HRQTNTIIDVQISTPRPVKLLRGHTLVLNCTATTPLNTRVQMTWSYPDEKNKRASVRRR- 176

Qy        181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEK--------- 231
                 || |    | | |||| :   |:|||||   ||   |  :| | :::|
Db        177 -IDQSNSHANIFYSVLTIDKMQNKDKGLYTCRVRSGPSFKSVNTSVHIYDKAGPGEPKSC 235

Qy        232 DKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVD 291
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        236 DKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVD 295

Qy        292 GVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAK 351
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        296 GVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAK 355

Qy        352 GQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDS 411
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        356 GQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDS 415

Qy        412 DGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
              |||||||||||||||||||||||||||||||||||||||||||||||
Db        416 DGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 462


RESULT 6
US-09-773-877B-16
; Sequence 16, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
;  APPLICANT: Xia, Yu-Ping et al.
;  TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;  FILE REFERENCE: REG 710b
;  CURRENT APPLICATION NUMBER: US/09/773,877B
;  CURRENT FILING DATE:  2001-01-31
;  NUMBER OF SEQ ID NOS: 27
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
;   LENGTH: 452
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Flt1(2-3 deltaB)-Fc
US-09-773-877B-16

  Query Match             83.6%;  Score 2038;  DB 2;  Length 452;
  Best Local Similarity   83.9%;  Pred. No. 6.3e-163;
  Matches  392;  Conservative   10;  Mismatches   41;  Indels   24;  Gaps    3;

Qy          1 MVSYWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 60
              ||||||||||||||||||||||||||   |||||||||||||||||||||||||||||||
Db          1 MVSYWDTGVLLCALLSCLLLTGSSSG---GRPFVEMYSEIPEIIHMTEGRELVIPCRVTS 57

Qy         61 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         58 PNITVTLKKFPLDTLIPDGKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLT 117

Qy        121 HRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRD 180
              |||||||||| :|    ::|  |  ||||||| | ||  :   | ||            |
Db        118 HRQTNTIIDVQISTPRPVKLLRGHTLVLNCTATTPLNTRVQMTWSYP----------D 165

Qy        181 LKTQSGSEMKKFLSTLTIDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEK--------- 231
                 || |    | | |||| :   |:|||||   ||   |  :| | :::|
Db        166 EIDQSNSHANIFYSVLTIDKMQNKDKGLYTCRVRSGPSFKSVNTSVHIYDKAGPGEPKSC 225

Qy        232 DKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVD 291
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        226 DKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVD 285

Qy        292 GVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAK 351
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        286 GVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAK 345

Qy        352 GQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDS 411
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        346 GQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDS 405

Qy        412 DGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
              |||||||||||||||||||||||||||||||||||||||||||||||
Db        406 DGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 452
```

```
RESULT 7
US-09-773-877B-20
; Sequence 20, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
;  APPLICANT: Xia, Yu-Ping et al.
;  TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;  FILE REFERENCE: REG 710b
;  CURRENT APPLICATION NUMBER: US/09/773,877B
;  CURRENT FILING DATE:  2001-01-31
;  NUMBER OF SEQ ID NOS: 27
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
;   LENGTH: 567
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Flt1(1-3 R->N)-Fc (Mut4)
US-09-773-877B-20

  Query Match             82.7%;  Score 2015.5;  DB 2;  Length 567;
  Best Local Similarity   69.6%;  Pred. No. 6.8e-161;
  Matches  396;  Conservative   14;  Mismatches   46;  Indels  113;  Gaps    3;

Qy          1 MVSYWDTGVLLCALLSCLLLTGSSSG---------------------------------- 26
              ||||||||||||||||||||||||||
Db          1 MVSYWDTGVLLCALLSCLLLTGSSSGSKLKDPELSLKGTQHIMQAGQTLHLQCRGEAAHK 60

Qy         27 ------------------------------------------------------------ 26

Db         61 WSLPEMVSKESERLSITKSACGRNGKQFCSTLTLNTAQANHTGFYSCKYLAVPTSKKKET 120

Qy         27 --------SDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTSPNITVTLKKFPLDTLIPD 78
                    ||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 ESAIYIFISDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTSPNITVTLKKFPLDTLIPD 180

Qy         79 GKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLTHRQTNTIIDVVLSPSHGI 138
              |||||||||||||||||||||||||||||||||||||||||||||||||||| :|    :
Db        181 GKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLTHRQTNTIIDVQISTPRPV 240

Qy        139 ELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRDLKTQSGSEMKKFLSTLTI 198
              :|  |  |||||| | ||  :   | ||  |::  :  |    || |    | | |||
Db        241 KLLRGHTLVLNCTATTPLNTRVQMTWSYPDEKNKNASVRRR--IDQSNSHANIFYSVLTI 298

Qy        199 DGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEK---------DKTHTCPPCPAPELLGGP 249
              | :   |:|||||   ||    | :| | :::|         ||||||||||||||||||
Db        299 DKMQNKDKGLYTCRVRSGPSFKSVNTSVHIYDKAGPGEPKSCDKTHTCPPCPAPELLGGP 358

Qy        250 SVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS 309
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        359 SVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS 418

Qy        310 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL 369
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        419 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL 478

Qy        370 TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ 429
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        479 TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ 538

Qy        430 QGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
              ||||||||||||||||||||||||||||
Db        539 QGNVFSCSVMHEALHNHYTQKSLSLSPGK 567


RESULT 8
US-09-773-877B-12
; Sequence 12, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
;  APPLICANT: Xia, Yu-Ping et al.
;  TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;  FILE REFERENCE: REG 710b
;  CURRENT APPLICATION NUMBER: US/09/773,877B
;  CURRENT FILING DATE:  2001-01-31
;  NUMBER OF SEQ ID NOS: 27
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12
;   LENGTH: 567
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Flt(1-3)-Fc
US-09-773-877B-12

  Query Match             82.7%;  Score 2014.5;  DB 2;  Length 567;
  Best Local Similarity   69.6%;  Pred. No. 8.2e-161;
  Matches  396;  Conservative   13;  Mismatches   47;  Indels  113;  Gaps    3;

Qy          1 MVSYWDTGVLLCALLSCLLLTGSSSG---------------------------------- 26
              ||||||||||||||||||||||||||
Db          1 MVSYWDTGVLLCALLSCLLLTGSSSGSKLKDPELSLKGTQHIMQAGQTLHLQCRGEAAHK 60

Qy         27 ------------------------------------------------------------ 26

Db         61 WSLPEMVSKESERLSITKSACGRNGKQFCSTLTLNTAQANHTGFYSCKYLAVPTSKKKET 120

Qy         27 --------SDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTSPNITVTLKKFPLDTLIPD 78
                    ||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 ESAIYIFISDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTSPNITVTLKKFPLDTLIPD 180

Qy         79 GKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLTHRQTNTIIDVVLSPSHGI 138
              |||||||||||||||||||||||||||||||||||||||||||||||||||| :|    :
Db        181 GKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLTHRQTNTIIDVQISTPRPV 240

Qy        139 ELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRDLKTQSGSEMKKFLSTLTI 198
              :|  |  |||||| | ||  :   | ||  |::  :  |    || |    | | |||
Db        241 KLLRGHTLVLNCTATTPLNTRVQMTWSYPDEKNKRASVRRR--IDQSNSHANIFYSVLTI 298

Qy        199 DGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEK---------DKTHTCPPCPAPELLGGP 249
              | :   |:|||||   ||    | :| | :::|         ||||||||||||||||||
Db        299 DKMQNKDKGLYTCRVRSGPSFKSVNTSVHIYDKAGPGEPKSCDKTHTCPPCPAPELLGGP 358

Qy        250 SVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS 309
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        359 SVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS 418

Qy        310 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL 369
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        419 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL 478

Qy        370 TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ 429
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        479 TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ 538

Qy        430 QGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
              ||||||||||||||||||||||||||||
Db        539 QGNVFSCSVMHEALHNHYTQKSLSLSPGK 567


RESULT 9
US-09-773-877B-14
; Sequence 14, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
;  APPLICANT: Xia, Yu-Ping et al.
;  TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
;  FILE REFERENCE: REG 710b
;  CURRENT APPLICATION NUMBER: US/09/773,877B
;  CURRENT FILING DATE:  2001-01-31
;  NUMBER OF SEQ ID NOS: 27
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
;   LENGTH: 557
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
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;   FEATURE:
;   OTHER INFORMATION: Flt1(1-3 deltaB)-Fc (Mut1)
US-09-773-877B-14

  Query Match             82.2%;  Score 2003.5;  DB 2;  Length 557;
  Best Local Similarity   69.4%;  Pred. No. 6.7e-160;
  Matches  395;  Conservative   10;  Mismatches   41;  Indels  123;  Gaps    3;

Qy          1 MVSYWDTGVLLCALLSCLLLTGSSSG---------------------------------- 26
              |||||||||||||||||||||||||
Db          1 MVSYWDTGVLLCALLSCLLLTGSSSGSKLKDPELSLKGTQHIMQAGQTLHLQCRGEAAHK 60

Qy         27 ------------------------------------------------------------ 26

Db         61 WSLPEMVSKESERLSITKSACGRNGKQFCSTLTLNTAQANHTGFYSCKYLAVPTSKKKET 120

Qy         27 --------SDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTSPNITVTLKKFPLDTLIPD 78
                    ||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 ESAIYIFISDTGRPFVEMYSEIPEIIHMTEGRELVIPCRVTSPNITVTLKKFPLDTLIPD 180

Qy         79 GKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLTHRQTNTIIDVVLSPSHGI 138
              ||||||||||||||||||||||||||||||||||||||||||||||||||| :|   :
Db        181 GKRIIWDSRKGFIISNATYKEIGLLTCEATVNGHLYKTNYLTHRQTNTIIDVQISTPRPV 240

Qy        139 ELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRDLKTQSGSEMKKFLSTLTI 198
              :|  |  ||||||| | ||  :   | ||             |   || |     | | |||
Db        241 KLLRGHTLVLNCTATTPLNTRVQMTWSYP-----------DEIDQSNSHANIFYSVLTI 288

Qy        199 DGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEK---------DKTHTCPPCPAPELLGGP 249
              | :   |:|||||   ||    | :| | :::|         ||||||||||||||||||
Db        289 DKMQNKDKGLYTCRVRSGPSFKSVNTSVHIYDKAGPGEPKSCDKTHTCPPCPAPELLGGP 348

Qy        250 SVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS 309
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        349 SVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS 408

Qy        310 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL 369
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        409 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL 468

Qy        370 TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ 429
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        469 TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ 528

Qy        430 QGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
              |||||||||||||||||||||||||||||
Db        529 QGNVFSCSVMHEALHNHYTQKSLSLSPGK 557


RESULT 10
US-08-227-496C-15
; Sequence 15, Application US/08227496C
; Patent No. 6130202
;  GENERAL INFORMATION:
;    APPLICANT:  Greve, Jeffrey M.
;    APPLICANT:  McClelland, Alan
;    TITLE OF INVENTION:  Multimeric Forms of Human
;    TITLE OF INVENTION:  Rhinovirus Receptor Protein
;    NUMBER OF SEQUENCES:  20
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Bayer Corporation
;      STREET:  400 Morgan Lane
;      CITY:  West Haven
;      STATE:  Connecticut
;      COUNTRY:  USA
;      ZIP:  06516
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  diskette, 1.44 Mb storage
;      COMPUTER:  Dell OptiPlex GX1
;      OPERATING SYSTEM:  Windows 95
;      SOFTWARE:  WordPerfect 8.0 for Windows
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/227,496C
;      FILING DATE:  04/14/94
;      CLASSIFICATION:  514
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  07/903,069
;      FILING DATE:  06/22/92
;      APPLICATION NUMBER:  07/704,984
;      FILING DATE:  05/24/91
;      APPLICATION NUMBER:  07/556,238
;      FILING DATE:  07/20/90
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Barbara A. Shimei
;      REGISTRATION NUMBER:  29,862
;      REFERENCE/DOCKET NUMBER:  MTI 214.2C
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (203) 812-2786
;      TELEFAX:  (203) 812-5492
;  INFORMATION FOR SEQ ID NO:  15:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  680 amino acid residues
;      TYPE:  amino acids
;      TOPOLOGY:  linear
;    MOLECULE TYPE:
;      DESCRIPTION:  protein
;    HYPOTHETICAL:  no
;    FRAGMENT TYPE:  complete sequence
;    FEATURE:
;      NAME/KEY:  tICAM(185)/IgG fusion protein
;      OTHER INFORMATION:  amino acid residues 1-453 =
;      OTHER INFORMATION:  tICAM(453); amino acid residues 454-680 = amino
;      OTHER INFORMATION:  acid residues 216-442 of human IgG1 heavy chain
US-08-227-496C-15

  Query Match             53.5%;  Score 1304;  DB 2;  Length 680;
  Best Local Similarity   60.6%;  Pred. No. 5.6e-101;
  Matches  281;  Conservative   30;  Mismatches   89;  Indels   64;  Gaps   15;

Qy         15 LSCLLLTGSSSGSDTGRPFVEMYS-EIPEII----HMTEGRELVIPCRVTSPNITVTLKK 69
              |:| :: |: |         | :||   | :|     ::|| |: : |    |   |||
Db        261 LTCAVILGNQSQETL--QTVTIYSFPAPNVILTKPEVSEGTEVTVKCE-AHPRAKVTLNG 317

Qy         70 FPLDTLIPDGKRIIWDSRKGFIISNATYKEIG-LLTCEATVNGHLYKTNYLTHRQTNTII 128
                |  | |       :  ::  || :: |  :| ||     |    | |:      :
Db        318 VPAQPLGP----------RAQLLLKATPEDNGRSFSCSAT----LEVAGQLIHKNQTREL 363

Qy        129 DVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFNWEYPSSKHQHKKLVNRDLKTQSGSE 188
               |:  |       : |:   :|           || :| :  |           |:
Db        364 RVLYGP------RLDER---DCPG----------NWTWPENSQQTP-------MCQAWGN 397

Qy        189 MKKFLSTLTIDG-----------VTRSDQGLYTCAASS--GLMTKKNSTFV-RVHEKDKT 234
                 |  | ||            |||  :| | | |  | :|:| :  |     :|||
Db        398 PLPELKCLK-DGTFPLPIGESVTVTRDLEGTYLCRARSTQGEVTRKVTVNVLSPRYEDKT 456

Qy        235 HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVE 294
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        457 HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVE 516

Qy        295 VHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQP 354
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        517 VHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQP 576

Qy        355 REPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGS 414
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        577 REPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGS 636

Qy        415 FFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
              |||||||||||||||||||||||||||||||||||||||||||||
Db        637 FFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 680


RESULT 11
US-10-282-162-46
; Sequence 46, Application US/10282162
; Patent No. 6927044
```

```
; GENERAL INFORMATION:
;  APPLICANT: REGENERON PHARMACEUTICALS, INC.
;  TITLE OF INVENTION: RECEPTOR BASED ANTAGONISTS, AND METHODS OF MAKING
;  TITLE OF INVENTION:  AND USING
;  FILE REFERENCE: REG 203-B-US
;  CURRENT APPLICATION NUMBER: US/10/282,162
;  CURRENT FILING DATE:  2002-10-28
;  PRIOR APPLICATION NUMBER: 09/787,835
;  PRIOR FILING DATE: 1999-09-22
;  PRIOR APPLICATION NUMBER: PCT/US99/22045
;  PRIOR FILING DATE: 1999-09-22
;  NUMBER OF SEQ ID NOS: 56
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 46
;   LENGTH: 915
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-282-162-46

  Query Match             53.1%;  Score 1293.5;  DB 2;  Length 915;
  Best Local Similarity   61.5%;  Pred. No. 6.5e-100;
  Matches  280;  Conservative   32;  Mismatches   66;  Indels   77;  Gaps   17;

Qy          57 RVTSPNI----------TVT-------LKKFPLDTLIPDGKRIIWDSRKGFIISNATYKE 99
               |:| ||:          |:|       :: |  : :||:|  :       |:|  |
Db         485 RITCPNVDGYFPSSVKPTITWYMGCYKIQNF--NNVIPEGMNL------SFLI--ALISN 534

Qy         100 IGLLTCEATV--NGHLYKTNYLTHRQT--------NTIIDVVLSPSHGI--ELSVGEKLV 147
                 |  ||  |   ||   :| :||   |        | :  |: ||:  :  |   ||:|:
Db         535 NGNYTCVVTYPENG---RTFHLTRTLTVKVVGSPKNAVPPVIHSPNDHVVYEKEPGEELL 591

Qy         148 LNCT--------ARTELNVGIDFNWEYPSSKHQHKKL---VNRDLKTQSGSEMKKFLSTL 196
               : ||        :| |:       |      |     :   :|  : : | :|  :      |
Db         592 IPCTVYFSFLMDSRNEV------WWTIDGKKPDDITIDVTINESI-SHSRTEDETRTQIL 644

Qy         197 TIDGVTRSD-QGLYTCAASS--GLMTKKNSTFVRVHEK----------DKTHTCPPCPAP 243
               :|  ||  | :  | | | |  | : |      :| :|          ||||||||||||
Db         645 SIKKVTSEDLKRSYVCHARSAKGEVAKA----AKVKQKVPAPRYTVSGDKTHTCPPCPAP 700

Qy         244 ELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPR 303
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         701 ELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPR 760

Qy         304 EEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLP 363
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         761 EEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLP 820

Qy         364 PSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTV 423
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         821 PSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTV 880

Qy         424 DKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
               ||||||||||||||||||||||||||||||||||
Db         881 DKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 915


RESULT 12
US-10-282-162-52
; Sequence 52, Application US/10282162
; Patent No. 6927044
; GENERAL INFORMATION:
;  APPLICANT: REGENERON PHARMACEUTICALS, INC.
;  TITLE OF INVENTION: RECEPTOR BASED ANTAGONISTS, AND METHODS OF MAKING
;  TITLE OF INVENTION:  AND USING
;  FILE REFERENCE: REG 203-B-US
;  CURRENT APPLICATION NUMBER: US/10/282,162
;  CURRENT FILING DATE:  2002-10-28
;  PRIOR APPLICATION NUMBER: 09/787,835
;  PRIOR FILING DATE: 1999-09-22
;  PRIOR APPLICATION NUMBER: PCT/US99/22045
;  PRIOR FILING DATE: 1999-09-22
;  NUMBER OF SEQ ID NOS: 56
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 52
;   LENGTH: 915
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-282-162-52

  Query Match             53.0%;  Score 1290.5;  DB 2;  Length 915;
  Best Local Similarity   56.2%;  Pred. No. 1.2e-99;
  Matches  277;  Conservative   41;  Mismatches  118;  Indels   57;  Gaps   15;

Qy           6 DTGVLLCALLSCLLLTGSS------SGSDTGRPFVEMYSEIPEIIHMTEGRELVIP--CR 57
               |:|  :|   :        |         :|   ||:       |:|: ::    || |
Db         440 DSGTYVCTTRNASYCDKMSIELRVFENTDAFLPFI----SYPQILTLSTSGVLVCPDLSE 495

Qy          58 VTSPNITVTLKKFPLDTLIPDGKRIIWDSRKG---FIISNATYKEIGLLTCEATV--NGH 112
                 |     | :: :  |:|: |      : | :|    :: :   :: |   |   |     |
Db         496 FTRDKTDVKIQWYK-DSLLLDKDNEKFLSVRGTTHLLVHDVALEDAGYYRCVLTFAHEGQ 554

Qy         113 LY----KTNYLTHRQTNTIIDVVLSPSHGIELSVGEKLVLNCTARTELNVGIDFN----W 164
                 |           ::    | |::||   |  |:| :| : |  :  |  |         |
Db         555 QYNITRSIELRIKKKKEETIPVIISPLKTISASLGSRLTIPC--KVFLGTGTPLTTMLWW 612

Qy         165 ---------EYPSSKHQHKKLVNRDLKTQSGSEMKKFLST-LTIDGVTRSDQGL-YTCAA 213
                        ||  :       |    : :     : ::   |  | ||| |  : : |
Db         613 TANDTHIESAYPGGR------VTEGPRQEYSENNENYIEVPLIFDPVTREDLHMDFKCVV 666

Qy         214 SSGL--------MTKKNSTFVRVHEKDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMIS 265
               : |         : : :|||       |||||||||||||||||||||||||||||||||
Db         667 HNTLSFQTLRTTVKEASSTF----SGDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMIS 722

Qy         266 RTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWL 325
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         723 RTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWL 782

Qy         326 NGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYP 385
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Qy         386 SDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHN 445
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Qy         446 HYTQKSLSLSPGK 458
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Db         903 HYTQKSLSLSPGK 915


RESULT 13
US-10-282-162-34
; Sequence 34, Application US/10282162
; Patent No. 6927044
; GENERAL INFORMATION:
;  APPLICANT: REGENERON PHARMACEUTICALS, INC.
;  TITLE OF INVENTION: RECEPTOR BASED ANTAGONISTS, AND METHODS OF MAKING
;  TITLE OF INVENTION:  AND USING
;  FILE REFERENCE: REG 203-B-US
;  CURRENT APPLICATION NUMBER: US/10/282,162
;  CURRENT FILING DATE:  2002-10-28
;  PRIOR APPLICATION NUMBER: 09/787,835
;  PRIOR FILING DATE: 1999-09-22
;  PRIOR APPLICATION NUMBER: PCT/US99/22045
;  PRIOR FILING DATE: 1999-09-22
;  NUMBER OF SEQ ID NOS: 56
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 34
;   LENGTH: 900
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-282-162-34

  Query Match             52.9%;  Score 1288;  DB 2;  Length 900;
  Best Local Similarity   61.1%;  Pred. No. 1.8e-99;
  Matches  276;  Conservative   33;  Mismatches   73;  Indels   70;  Gaps   15;
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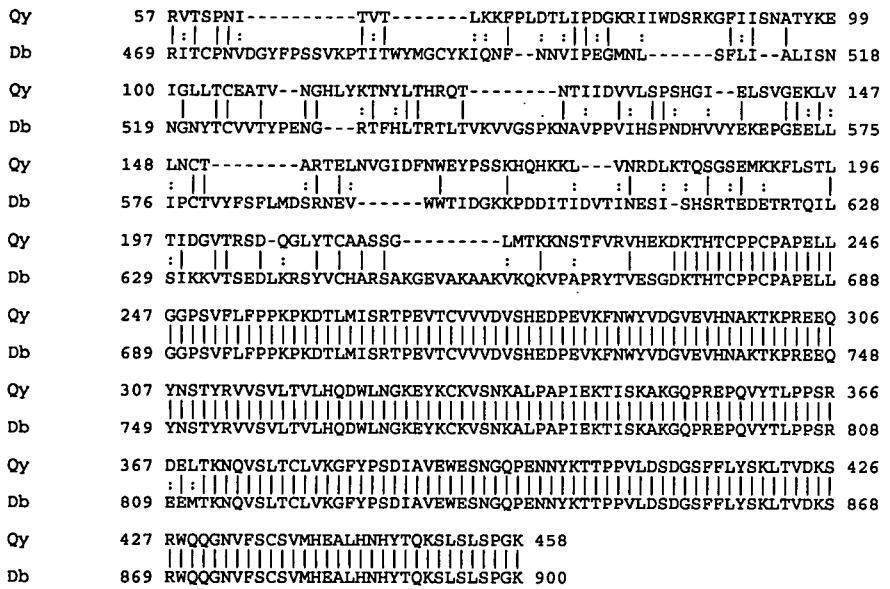

RESULT 14
US-10-282-162-40
; Sequence 40, Application US/10282162
; Patent No. 6927044
; GENERAL INFORMATION:
; APPLICANT: REGENERON PHARMACEUTICALS, INC.
; TITLE OF INVENTION: RECEPTOR BASED ANTAGONISTS, AND METHODS OF MAKING
; TITLE OF INVENTION: AND USING
; FILE REFERENCE: REG 203-B-US
; CURRENT APPLICATION NUMBER: US/10/282,162
; CURRENT FILING DATE: 2002-10-28
; PRIOR APPLICATION NUMBER: 09/787,835
; PRIOR FILING DATE: 1999-09-22
; PRIOR APPLICATION NUMBER: PCT/US99/22045
; PRIOR FILING DATE: 1999-09-22
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 40
; LENGTH: 900
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-282-162-40

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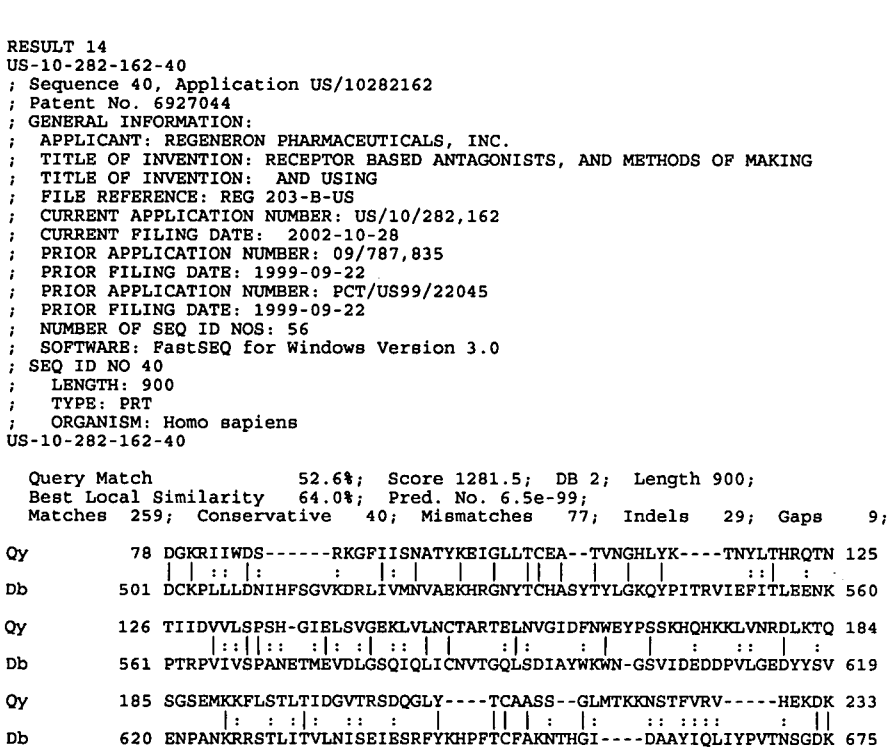

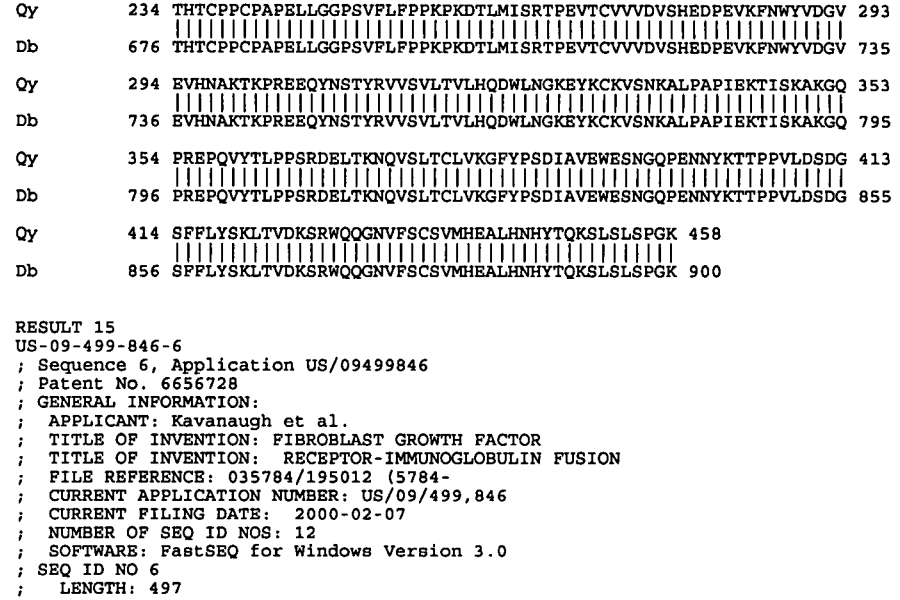

RESULT 15
US-09-499-846-6
; Sequence 6, Application US/09499846
; Patent No. 6656728
; GENERAL INFORMATION:
; APPLICANT: Kavanaugh et al.
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR
; TITLE OF INVENTION: RECEPTOR-IMMUNOGLOBULIN FUSION
; FILE REFERENCE: 035784/195012 (5784-
; CURRENT APPLICATION NUMBER: US/09/499,846
; CURRENT FILING DATE: 2000-02-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 497
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-499-846-6

Query Match 52.5%; Score 1280; DB 2; Length 497;
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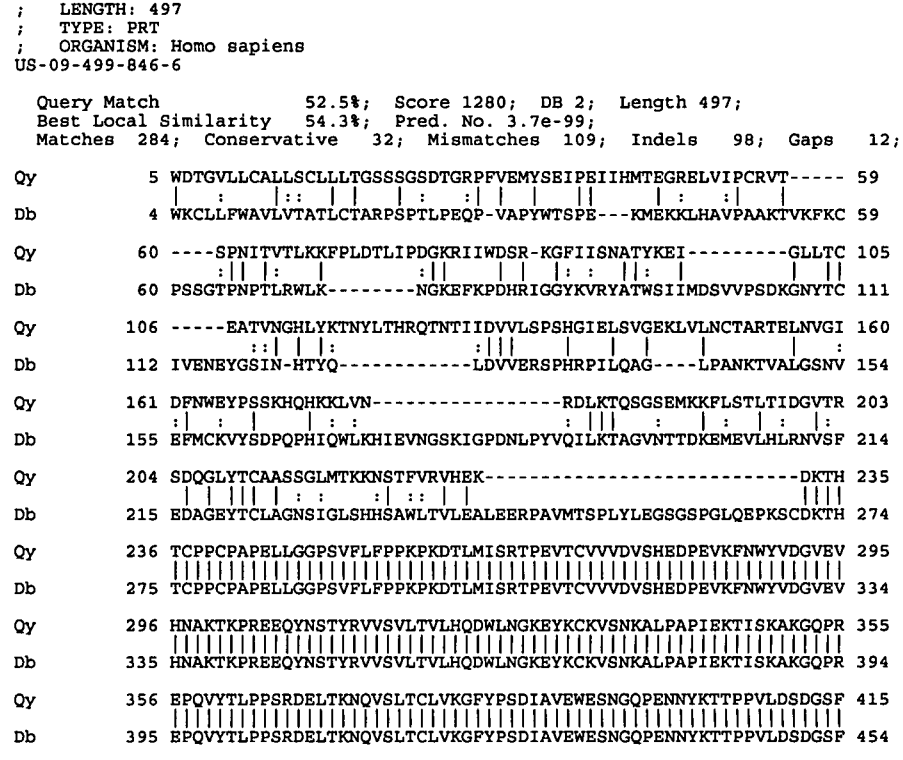
Matches 284; Conservative 32; Mismatches 109; Indels 98; Gaps 12;



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Job time : 24 secs